

SYSTEM FOR PROVIDING DATA TO MULTIPLE DEVICES AND METHOD THEREOF

ABSTRACT OF THE DISCLOSURE

A system is provided for transmitting data to a plurality of devices. A data source receives data from a video broadcasting source, such as a digital television provides, through a data cable. The data source identifies devices to receive particular sets of data, such as particular programs, from the data cable. The data source identifies particular settings for transmitting to particular devices. The data source adjusts a transmission power to a first device to efficiently provide data reliably to the first device. The data source can assign more or less power for transmitting data to the first device. The data source provides data to the source device using a first data channel. The data source provides data to a second device using a second data channel. The data source receives acknowledgements and control information from the first device and the second device using the second data channel.